OPT-960
Network Interface Card

10GBase-FX PCI Express

RoHS Compliant

>>Description

The adapter provides enhancement of hardware, such as intelligent queue technologyused for optimizing multi-core processor and supports the load balancing on it,which can achieve the extendible performance with higher level of 10GE.Meanwhile, it also provides the Intel virtualization technology includingnetwork level, which can significantly improve the overall system performancein a virtual server environment. Intel VT-c includes optimization features of anumber of hardware, which can significantly reduce the bottleneck of I/O,improve the throughput as well as reducing delay.

>>Specifications

Driver Support	Windows2003/XP/7/8/10, Netware Server, Linux
Standards	IEEE802.3ap、802.3ae、802.3x、802.3ak
Host Interface	PCI-e X8
Network Interface	2 x 10GE SFP+ port
Network Cables	50/125 µm multi-mode fiber up to 300m
	62.5/125 µm multi-mode fiber up to 150m
	9/125 µm single-mode fiber up to 120km
LED Indicators	FX Link/Act
Controller	Intel
Environmental Limits	Operating Temperature: 0°C to 50°C
	Storage Temperature: -20°C to 70°C
	Relative Humidity: 5% to 90% non-condensing
Warranty	3 years

>>Main Features

- High bandwidth 10Gbps Network Speed

- Support flow control of IEEE802.x

- Supports PCI e x8 bus

- Compliant with PCIe Rev.3.0 Interface

- Supports Jumbo Frame

- Support IEEE 802.q VLAN tagging

- Supports IP headers and TCP / UDP checksums offload

- Linkage/LED indicator for activity status

>> Optional SFP

Model	Rate	Wavelength	Distance	Connector
SFP+-10GB-SR	10G	850nm	300m	LC
SFP+-10GB-LR	10G	1310nm	10km	LC

>>Ordering Information

OPT-960	10G Ethernet Adapter with Two SFP+ Support